

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
REQUEST FOR FILING NATIONAL PATENT APPLICATION

Under 35 USC 111(a) and Rule 53(b)

PATENT APPLICATION

WITH SIGNED DECLARATION

NONPROVISIONAL
NON REISSUE
NON PCT NAT PHASE



00909



12/03/01

Hon. Commissioner of Patents
Washington, D.C. 20231

Sir:

Herewith is the PATENT APPLICATION of
Inventor(s): PIIRAINEN

Title OPTIMIZING OF CHANNEL EQUALIZER

Atty. Dkt.: P 284112 | T200001US/MYL/HER
M# | Client Ref

including:

Date: December 3, 2001

1. Specification: 12 pages (only spec. and claims) 2. ☐ Specification in non-English language
3. Declaration ☒ Original ☐ Facsimile/Copy ☒ Abstract 1 page(s); 10 numbered claims
4. ☒ Drawings: 3 sheet(s) ☐ informal; ☒ formal of size: ☒ A4 ☐ 11"
5. ☐ See top first page re prior Provisional, National or International application(s). ("X" box only if info is there and do not complete item 6 or 7). (Prior M# _____ SN _____)
6. This application claims benefit of the following prior US application(s), the contents of which are incorporated into this application by this reference:

No. / filed _____
No. / filed _____
No. / filed _____

No. PCT FI01/ 00334 filed April 5, 2001, Which

designated the US and that International Application ☒ was ☐ was not published under PCT Article 21(2) in English

7. ☒ See the attached Preliminary Amendment, which amends the specification to claim benefit of the above listed US application(s)

8. ☒ Attached is an assignment and cover sheet. Please return the recorded assignment to the undersigned.

9. ☐ Assignee (optional): _____

Address _____

10. FOREIGN priority is claimed under 35 USC 119(a)-(d)/365(b) based on filing in FINLAND

11. _____ (country)

| Application No. | Filing Date | Application No. | Filing Date |
|-----------------|---------------|-----------------------------------------------------------------------------|-------------|
| (1) 20000820 | April 6, 2000 | (2) | |
| (3) | | (4) | |
| (5) | | (6) | |
| (7) | | (8) | |
| (9) | | <input type="checkbox"/> See 3 rd page for additional priorities | |

12. 1 (No.) Certified copy (copies): ☒ attached; ☐ previously filed (date) _____
in U.S. Application No. / filed on _____

13. Small entity status ☐ is not claimed; ☐ is claimed (Pre-filing confirmation required)

- 13(a). ☐ Attached: _____ (No.) Small Entity Statement(s) (since 9/8/00 small entity statement(s) not essential to make claim)

- 13(b). ☐ See NONPUBLICATION REQUEST under Rule 213(a) attached (Pat-258)

14. DOMESTIC/INTERNATIONAL priority is claimed under 35 USC 119(e)/120/365(c) based on the following provisional, nonprovisional and/or PCT international application(s):

| Application No. | Filing Date | Application No. | Filing Date |
|--------------------|---------------|-----------------|-------------|
| (1) PCT/FI01/00334 | April 5, 2001 | (4) | |
| (2) | | (5) | |
| (3) | | (6) | |

15. ☐ This application is being filed under Rule 53(b)(2) since an inventor is named in the enclosed Declaration who was not named in the prior application.

16. ☐ Attached:

17. ☐ Preliminary Amendment:

THE FOLLOWING FILING FEE IS BASED ON CLAIMS AS FILED LESS ANY ABOVE CANCELLED

| | | | | Large/Small Entity | | Fee Code |
|---------------------------------------------------------------------------------------------------------------------------------------|----|------------|----|--------------------|-------|----------|
| 18. Basic Filing Fee | | | | \$740/\$370 | \$740 | 101/201 |
| 19. Total Effective Claims | 10 | minus 20 = | *0 | x \$18/\$9 = | + 0 | 103/203 |
| 20. Independent Claims | 2 | minus 3 = | *0 | x \$84/\$42 = | + 0 | 102/202 |
| *If answer is zero or less, enter "0" | | | | | | |
| 21. If any proper multiple dependent claim (ignore improper) is present, add (Leave this line blank if this is a reissue application) | | | | + \$280/\$140 | + 0 | 104/204 |
| 22. TOTAL FILING FEE ENCLOSED = | | | | | \$740 | |
| 23. If "non-English" box 2 is X'd, add Rule 17(k) processing fee | | | | + \$130 | + 0 | 139 |
| 24. If "assignment" box 8 is X'd, add recording fee | | | | + \$40 | + 40 | 581 |
| 25. <input type="checkbox"/> Attached is a Petition/Fee under Rule No. | | | | + \$130 | + 0 | 122 |
| 26. TOTAL FEE ENCLOSED = | | | | | \$780 | |

Our Deposit Account No. 03-3975

Our Order No. 60258

C#

284112

M#



00909

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficient fee only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown above for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal form is filed.

Pillsbury Winthrop LLP
Intellectual Property Group

By Atty: Christine H. McCarthy

Reg. No. 41844

Sig: [Signature]

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Atty/Sec: CHM/JRH

NOTE: File in duplicate with 2 post card receipts (PAT-103) & attachments